

QVS2GPFOB2FT

2 x 40W

ALTER SMARTVISION

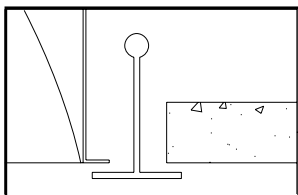
2' X 2' RECESSED DIRECT/INDIRECT FLUORESCENT
2 LAMP, TT5 BI-TUBE, 5 1/2" DEEP
MICROPERFORATED MESH LAMP SHIELD
STATIC

- Efficiency 58.5%.
- Broadcast 4: Broadcast control requires no programming of the iGEN ballasts. Dimming message are sent with a global address from the master Alter Smart Vision luminaire to up to 3 slaves luminaire with an iGEN address able ballast (DA). Each ballast receives the same command and responds uniformly.
- Swing down microperforated lamp shield for easy relamping and maintenance.
- Lamp shield specially cut to accommodate Smart Vision sensor.
- Alter soft white film on inside of mesh conceals lamp image providing balance between reflected and direct light.
- Fully recessed luminaire and lamp compartment.
- 95% Reflective Alter soft white paint finish.
- Specular interior reflector.
- One piece body for easy installation.
- Easy access to ballast through lamp compartment.
- Fits standard T-Grid ceilings.
- Optional acrylic drop-down visual element.

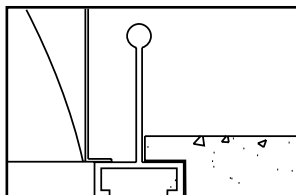


MOUNTING METHODS/FEATURES

Ceiling compatibility

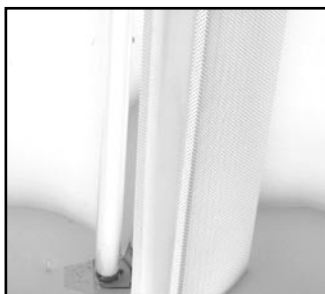


Suited to standard exposed T-grid ceilings

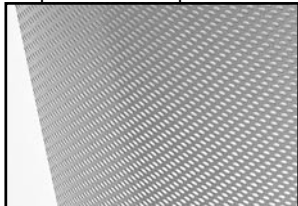


Suited to standard exposed Slot T-grid ceilings

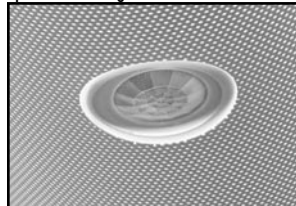
Swing down optical system for easy relamping and maintenance



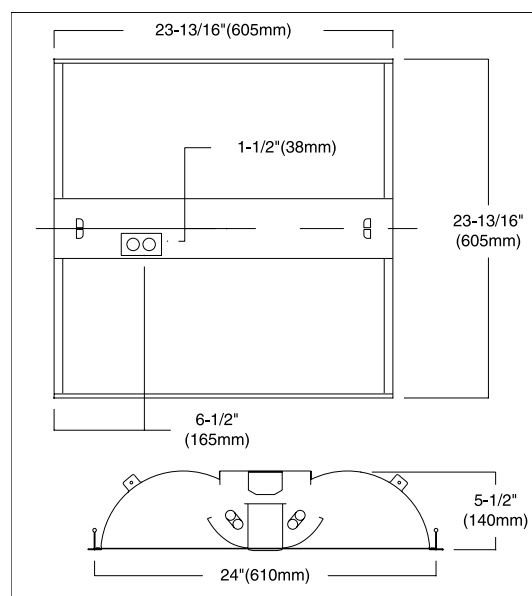
Microperforated mesh lamp shields



integrated motion and light sensor with optional dimming infrared remote control



DIMENSIONS



FIXTURE TYPE

VOLTS

JOB INFORMATION:

LIGHTOLIER
Genlyte Thomas Company

QVS2GPFOB2FT

ALTER SMART VISION

2' X 2' RECESSED DIRECT/INDIRECT FLUORESCENT

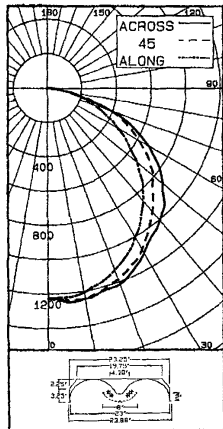


LIGHTING SCIENCES CANADA LTD.

440 Phillip St. Unit 19, Waterloo, Ont. Canada N2L 5R9
Tel (519) 746-3140 Fax (519) 746-3156

CERTIFIED TEST REPORT NO. LSC6739
COMPUTED BY LSC PROGRAM **TEST-LITE**

CFI 2x2 INDOOR RECESSED INDIRECT FIXTURE CAT. NO. QVS2GPFOB2FT120SB
WITH WHITE PAINTED INTERIOR, SPECULAR INSERT AND PERFORATED DIFFUSER
TWO 40W PL-L BIAxIAL FLUORESCENT LAMPS. LUMEN RATING = 3150 LMS.
MAGNETEK 120V TRIAD TWO-LAMP ELECTRONIC BALLAST NO. B2401120HP



CANDLEPOWER SUMMARY				OUTPUT LUMENS	
ANGLE	ALONG	45	ACROSS		
0	1227	1227	1227	1227	
5	1221	1228	1238	1249	1250
10	1207	1218	1244	1238	1243
15	1175	1210	1219	1224	1234
20	1129	1164	1183	1205	1216
25	1077	1105	1141	1158	1169
30	1006	1047	1086	1105	1111
35	934	980	1015	1040	1052
40	858	916	943	984	1005
45	774	829	857	940	956
50	676	729	755	845	866
55	571	639	710	755	781
60	471	525	611	655	675
65	380	443	508	541	552
70	288	340	398	405	404
75	202	230	244	237	226
80	118	125	109	123	134
85	40	40	41	49	46
90	0	0	0	0	0

ZONAL LUMENS AND PERCENTAGES

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	982	15.60	26.69
0-40	1613	25.61	43.60
0-50	2900	46.04	78.74
0-60	3683	58.47	100.00
40-90	2070	32.86	56.20
60-90	782	12.43	21.26
90-180	0	0.00	0.00
0-180	3683	58.47	100.00

** EFFICIENCY = 58.5% **

LUMINANCE SUMMARY-CD. / SQ. M.

ANGLE	ALONG	45	ACROSS
45	3207	3566	3977
55	2916	3642	4003
65	2632	3534	3844
75	2282	2766	2565
85	1351	1369	1567

CERTIFIED BY: *Charles Brown* DATE: OCT 17, 1996
PREPARED FOR: CANADIAN FLUORESCENT INDUSTRIES
CORNWALL, ONTARIO

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

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WATERLOO, ONTARIO CANADA N2L 5R9

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COEFFICIENTS OF UTILIZATION

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = .20

CC WALL	80	70	50	30	10	0
70	50	30	10	70	50	30
50	30	10	70	50	30	10
30	10	70	50	30	10	70
10	70	50	30	10	70	50
0	70	50	30	10	70	50
RCR						
0	.70	.70	.70	.70	.68	.68
1	.64	.61	.59	.57	.63	.60
2	.59	.54	.51	.47	.57	.53
3	.54	.48	.43	.40	.52	.47
4	.49	.43	.38	.34	.48	.42
5	.45	.38	.33	.29	.44	.37
6	.42	.34	.29	.25	.41	.34
7	.38	.30	.25	.22	.37	.30
8	.36	.28	.23	.19	.35	.27
9	.33	.25	.20	.17	.32	.25
10	.31	.23	.18	.15	.30	.22

DETERMINED IN ACCORDANCE WITH CURRENT IES PUBLISHED PROCEDURES
LUMINAIRE INPUT WATTS = 64.9
LABORATORY RESULT MAY NOT BE REPRESENTATIVE OF FIELD PERFORMANCE.
BALLAST FACTORS HAVE NOT BEEN APPLIED.

ORDERING INFORMATION Explanation of Catalogue Number Example: QVS2GPFOB2FT120DS

QVS	2	G	PF	OB	2	FT	120	DS	
QUALITY VISUAL STATIC	FIXTURE WIDTH	CEILING TYPE	LAMP SHIELD	LAMP SHIELD DETAILS	LAMP QUANTITY	LAMP/FIXTURE LENGTH (NOMINAL 24")	VOLTAGE	BALLAST TYPE	OPTIONS
Recessed direct indirect soft light optical system	2'	Standard exposed T-grid ceilings	PF = Micro-perforated	OB = One-piece lamp shield with sensor		FT = TT5 Bi-tube	120	DS = Gen Broadcast 4 Sensor/ iGEN ballast*	R = Radio Interface Filter

SPECIFICATIONS

MATERIALS: One piece chassis constructed from die formed 20 gauge cold rolled steel. **Reflectors** - 95% reflectance baked white acrylic matte paint finish. Specular aluminum interior reflector. Soft white acrylic film on inside of lamp shield conceals lamp image.

FINISH: Chassis exterior - phosphate undercoating, baked white acrylic matte paint finish.

ELECTRICAL: Rapid start HPF, thermally protected class "P" ballast (Bi-tube type). If K.O.s are within 3" of ballast use wire suitable for at least 90C.

LABELS: Listed by CSA, UL

We reserve the right to change, materials and finish in any way that will not alter installed appearance or reduce function and performance.

Genlyte Thomas Company

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